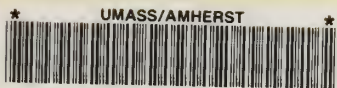


MASS. HS35. 2: St 29/985



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# **Status of Fluoridation In Massachusetts 1985**



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**Prepared by the  
Massachusetts Department of Public Health;  
Division of Dental Health**

**September, 1985**



Status of Fluoridation in  
Massachusetts 1985

Prepared by the Massachusetts  
Department of Public Health,  
Dental Division  
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Status of Fluoridation  
In Massachusetts  
1985

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FLUORIDATION ORDERS BY LOCAL HEALTH AUTHORITIES  
(By date of order)

Acton	12/09/68	Shirley	04/18/70
Chelmsford	12/05/68	Somerville	12/03/70
Fall River	12/21/68	Stoneham	03/05/70
Hanover	12/09/68	Wakefield	12/22/70
Hudson	12/19/68	Waltham	12/14/70
*Natick	12/12/68	Worcester	12/22/71
North Reading	12/19/68	Canton	01/26/71
Pembroke	11/14/68	*Duxbury	03/18/71
Reading	12/24/68	*Lincoln	03/29/71
Acton	03/10/69	Medford	01/05/71
Andover	03/27/69	Milton	03/06/71
Arlington	11/26/69	North Adams	07/22/71
Billerica	01/23/69	Norwood	01/20/71
Bourne	02/19/69	Swampscott	02/22/71
Chicopee	01/23/69	Braintree	05/21/72
East Bridgewater	12/03/69	Brockton	11/11/72
Fitchburg	05/19/69	Cambridge	08/31/72
Framingham	01/06/69	Fairhaven	07/01/72
Franklin	01/16/69	New Bedford	06/03/72
Gluoucester	03/25/69	North Andover	04/15/72
Groveland	08/25/69	Westwood	01/26/72
Haverhill	07/11/69	Walpole	06/26/72
Holden	10/27/69	Whitman	11/24/72
Holliston	04/11/69	*Chelmsford	09/17/73
Hopedale	07/30/69	Dedham	10/11/73
Ipswich	05/01/69	Taunton	11/19/73
Lexington	04/17/69	Northampton	12/21/73
*Lincoln	05/15/69	Greenfield	01/14/74
Lynn	09/10/69	Gardner	05/24/74
Mendon	07/30/69	Lowell	12/05/74
Milford	07/30/69	*Gloucester	12/12/77
Needham	02/27/69	Bedford	07/21/80
Peabody	08/12/69	*Duxbury	05/15/80
*Rockport	11/28/69	Marlborough	05/22/80
Southbridge	02/20/69	*Natick	10/27/80
*Springfield	06/21/69	*Rockport	05/11/81
Watertown	03/27/69	Lawrence	04/02/81
Wayland	09/18/69	*Methuen	05/07/81
Wellesley	05/29/69	*Manchester	08/17/81
Westborough	10/08/69	North Attleboro	05/24/82
Weston	01/30/69	Stoughton	07/22/82
Weymouth	03/27/69	Holbrook	12/02/82
Winchendon	03/20/69	Hudson	12/31/82
*Worcester	02/20-22/69	Springfield	06/01/83
Attleboro	07/16/70	Dracut	06/19/83
Belmont	11/26/70	Chicopee	07/28/83
Boston	11/17/70	Tewksbury	12/05/83
Brookline	11/26/70	Pepperell	02/29/84
Chelsea	12/01/70	Lenox	04/04/84
Easton	03/27/70	Amherst	05/24/84
Everett	12/10/70	Wellesley	05/25/84
Holbrook	03/04/70	Rutland	08/22/84
Ipswich	06/14/70	Duxbury	08/23/84
*Lincoln	12/17/70	Sturbridge	03/23/85
Lynnfield W.D.	12/18/70	Gardner	04/08/85
Malden	12/18/70	Westfield	05/06/85
Melrose	11/26/70	Millis	06/07/85
Quincy	12/11/70	Oxford	08/07/85
Randolph	03/05/70		
Revere	12/24/70		

\*Multiple Orders





FLUORIDATION ORDERS BY LOCAL HEALTH AUTHORITIES  
(Alphabetical Order by City/Town)

Acton	12/09/68	Lynnfield W.D.	12/18/70
Acton	03/10/69	*Manchester	08/17/81
Amherst	05/24/84	Malden	12/18/70
Andover	03/27/69	Marlborough	05/22/80
Arlington	11/26/69	Medford	01/05/71
Attleboro	07/16/70	Melrose	11/26/70
Bedford	07/21/80	Mendon	07/30/69
Belmont	11/26/70	Methuen	05/07/81
Billerica	01/23/69	Milford	07/30/69
Boston	11/17/70	Millis	06/07/85
Bourne	02/19/69	Milton	03/06/71
Braintree	05/21/72	Natick	12/12/68
Brockton	11/11/72	Natick	10/27/80
Brookline	11/26/70	Needham	02/27/69
Cambridge	08/31/72	New Bedford	06/30/72
Canton	01/26/71	North Adams	07/22/71
Chelmsford	12/05/68	North Andover	04/15/72
*Chelmsford	09/17/73	North Attleboro	05/24/82
Chelsea	12/01/70	Northampton	12/21/73
Chicopee	01/23/69	North Reading	12/19/68
Chicopee	07/28/83	Norwood	01/20/71
Dedham	10/11/73	Oxford	08/07/85
Dracut	06/19/83	Peabody	08/12/69
*Duxbury	03/18/71	Pembroke	11/14/68
*Duxbury	05/15/80	Pepperell	02/29/84
Duxbury	08/23/84	Quincy	12/11/70
Easton	03/27/70	Randolph	03/05/70
East Bridgewater	12/03/69	Reading	12/24/68
Everett	12/10/70	Revere	12/24/70
Fairhaven	07/01/72	*Rockport	11/28/69
Fall River	12/21/68	*Rockport	05/11/81
Framingham	01/06/69	Rutland	08/22/84
Franklin	01/16/69	Shirley	04/18/70
Fitchburg	05/19/69	Somerville	12/03/70
Gardner	05/24/74	Springfield	06/01/83
Gardner	04/08/85	Stoneham	03/05/70
Greenfield	01/14/74	*Springfield	06/21/69
Gloucester	03/25/69	Stoughton	07/22/82
*Gloucester	12/12/77	Southbridge	02/20/69
Groveland	08/25/69	Sturbridge	03/23/85
Hanover	12/09/68	Swampscott	02/22/71
Haverhill	07/11/69	Taunton	11/19/73
Holbrook	03/04/70	Tewksbury	12/05/83
Holbrook	12/02/82	Wakefield	12/22/70
Holden	10/27/69	Waltham	12/14/70
Holliston	04/11/69	Walpole	06/26/72
Hopedale	07/30/69	Wayland	09/18/69
Hudson	12/19/68	Watertown	03/27/69
Hudson	12/31/82	Wellesley	05/29/69
Ipswich	05/01/69	Wellesley	05/25/84
Ipswich	06/14/70	Westborough	10/08/69
Lawrence	04/02/81	Westfield	05/06/85
Lenox	04/04/84	Weston	01/30/69
Lexington	04/17/69	Westwood	01/26/72
*Lincoln	05/15/69	Whitman	11/24/72
*Lincoln	12/17/70	Winchendon	03/20/69
*Lincoln	03/29/71	Weymouth	03/27/69
Lowell	12/05/74	*Worcester	02/20/ - 22/69
Lynn	09/10/69	Worcester	12/22/71

\*Multiple Orders



POPULATION DRINKING FLUORIDATED WATER BY CITY AND TOWN  
ADJUSTED WATER SUPPLIES

<u>System</u>	<u>Subsystem Population</u>	<u>Total Population Served</u> (1980)
Acton		17,544
Amesbury		13,971
Amherst <sup>1</sup>		33,229
Andover		26,370
Ashburnham		4,075
Athol		10,634
Attleboro		34,196
Ayer (part)		3,000
Ft. Devens Army Base	3,000 (est.)	
Bedford		13,067
Belchertown (part)		750
Belchertown State School	750 (est.)	
Beverly		75,875
Beverly	37,655	
Salem	38,220	
Bourne (part)		5,000
Otis Air Force Base		
Cambridge	5,000 (est.)	95,322
Canton		18,182
Cohasset		7,174
Concord		16,293
Danvers		28,235
Danvers	24,100	
Middleton	4,135	
Dedham Water Company		38,510
Dedham	25,298	
Westwood	13,212	
Duxbury <sup>1</sup>		11,807
Essex		2,998
Fall River		92,574
Fitchburg		39,580
Franklin		18,217
Gardner <sup>1</sup>		17,900
Gloucester		27,768
Hamilton		6,960
Haverhill		46,865
Hingham Water Company		30,053
Hingham	20,339	
Hull	9,714	
Holliston		12,662
Holyoke		44,678
Hudson		16,408
Ipswich		11,158
Lawrence		63,175
Lincoln		7,098
Lowell		101,974
Lowell	92,418	
Dracut (part)	9,556 (est.)	



Lynn		78,471
Lynnfield		7,248
Lynnfield Center Water District	7,248 (est.)	
Manchester		5,424
Marlboro		30,617
Medway		8,447
Metropolitan District		
Arlington		48,219
Belmont		26,100
Boston		562,994
Brookline		55,062
Chelsea		25,431
Everett		37,195
Framingham		65,113
Lexington		29,479
Lynnfield Water District	4,000 (est.)	4,000
Malden		53,386
Marblehead		20,126
Medford		58,076
Melrose		30,055
Milton		25,860
Nahant		3,947
Newton		83,622
Norwood		29,711
Quincy		84,743
Revere		42,423
Saugus		24,746
Somerville		77,372
Stoneham		21,424
Swampscott		58,200
Waltham		13,837
Watertown		34,384
Weston		11,169
Winthrop		19,294
Woburn (part)		7,325 (est.)
Millis <sup>1</sup>		6,908
Needham		27,901
Newburyport		19,762
Newburyport	15,900	
West Newbury	2,852	
Newbury District	1,000	
North Andover		20,129
North Reading		11,445
Peabody		45,976
Pembroke		13,487
Reading		22,678
Rockport		6,345
Rutland <sup>1</sup>		4,334
Scituate		17,317
Seekonk		12,269
Sharon		13,601
Shrewsbury		22,674
Somerset		19,813



Somerset	18,813	
South Dighton (part)	1,000 (est.)	
Southbridge Water Company		16,665
Sturbridge <sup>1</sup>	5,976	
Sudbury		14,027
Swansea		15,461
Taunton		46,201
Taunton	45,001	
North Dighton Fire District	1,200	
Templeton		6,070
Tewksbury <sup>1</sup>		24,635
Topsfield		5,709
Wakefield		24,895
Walpole		18,859
Wellesley <sup>1</sup>		27,209
Wenham		3,897
Westborough		13,619
Westminister		5,139
Weymouth		55,601
Winchester		20,701

TOTAL OF ALL CITIES AND TOWNS

TOTAL ADJUSTED	<u>3,246,105</u>
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NATURALLY FLUORIDATED (GREATER THAN 0.7 ppm FLUORIDE)

<u>System</u>	<u>1980 Population Served</u>
Hardwick (part	125
Eagle Hill School	
Royalston (part)	
South Royalston (est.)	100
Improvement Corporation (est.)	100
Ware (part)	
A and J Mobile Home Park	72
	<u>397*</u>

Note:       \*       One surface water supply Rockport is naturally fluoridated but community population is carried under adjusted category.

TOTAL FLUORIDATED	3,246,502
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STATISTICS FROM THE MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH

<sup>1</sup> Expected, December, 1986





MASSACHUSETTS COMMUNITIES RECEIVING WATER FLUORIDATION

<u>City/Town</u>	<u>Year of Start-Up</u>	<u>City/Town</u>	<u>Year of Start-Up</u>
Acton	1970	Medway	1953
Amesbury	1968	*Melrose	1978
Amherst		Middleton	1951
(scheduled for 1986)		Millis (part) (scheduled for completion in 1987)	1983
Andover	1969	*Milton	1978
*Arlington	1978	*Nahant	1978
Ashburnham	1957	*Needham (FL)	1971
Athol	1952	Newbury (part)	1969
Attleboro	1973	Newburyport	1969
Ayer (Ft. Devens)	1959	*Newton (FL)	1963
Bedford	1978	North Andover	1975
*Belmont	1978	North Reading	1971
Belchertown School	1953	*Norwood	1978
Beverly	1952	Peabody	1983
*Boston	1978	Pembroke	1969
Bourne (O.A.N.G.)	1960	*Quincy	1978
*Brookline	1978	Reading	1970
*Cambridge (FL)	1974	*Revere	1978
Canton	1978	Rockport (part natural)	1984
*Chelsea	1978	**Royalston	
Cohasset	1956	Rutland (scheduled for 1985)	
Concord	1970	Salem	1952
Danvers	1951	*Saugus	1978
Dedham	1977	Scituate	1954
Dighton (part)	1971	Seekonk	1952
Dracut (part) (complete 1986)	1982	Sharon	1953
Duxbury (scheduled for 1987)		Shrewsbury	1953
Essex	1970	Somerset	1969
*Everett	1978	*Somerville	1978
Fall River	1973	Southbridge	1971
Fitchburg	1975	*Stoneham	1978
*Framingham (FL)	1970	Sturbridge (scheduled for 1987)	
Franklin	1970	Sudbury	1960
Gardner (scheduled for 1987)		*Swampscott	1978
Gloucester	1981	Swansea	1969
Hamilton	1956	Taunton	1981
**Hardwick (part)		Templeton	1951
Haverhill	1971	Tewksbury (part) (scheduled for completion 1986)	1983
Hingham	1953		
Holliston	1970	Topsfield	1953
Holyoke	1970	*Wakefield	1978
Hudson	1985	Walpole	1977
Hull	1953	*Waltham	1978
Ipswich	1971	**Ware (part)	
Lawrence	1983	*Watertown (FL)	1971
*Lexington	1978	Wenham	1967
Lincoln	1971	Wellesley (scheduled for 1986)	
Lowell	1982	Westborough	1974
*Lynnfield (FL)	1972	West Newbury (part)	1969
(Lynnfield Center)	1959	Westminster	1968



Lynn	1983	*Weston (FL)	1973
*Malden	1978	Westport	1985
Manchester	1983	Westwood	1977
*Marblehead	1978	Weymouth	1972
Marlborough	1982	*Winchester (FL)	1956
*Medford	1978	*Winthrop	1978
		*Woburn (part)	1978

NOTES;

- \* - Members of the Metropolitan Water District (MDC) Fluoridated in 1978.
- \*\* - Naturally Fluoridated
- (part) - Communities partially Fluoridate. Check with local water department.
- (FL) - Fluoridating prior to MDC.

PREPARED BY THE DEPARTMENT OF PUBLIC HEALTH - TEL: 727-0732  
September 1985



## REFERENDA HISTORY SINCE 1968

### 1969 Referenda

Lost - 3

Chicopee	66,416
Gloucester	27,690
Springfield	162,078
	<u>256,184</u>

### 1970 Referenda

Won - 7

Lost - 9

Acton	10,188	Groveland	4,866
Andover	20,551	Ipswich	9,955
Framingham	52,369	Hanover	7,862
Needham	29,202	Holden	12,000
Watertown	40,115	Lincoln	4,463
Weymouth	50,468	Milford	17,034
Winchendon	6,689	Rockport	5,297
		Wayland	12,192
		Wellesley	26,297
	<u>209,582</u>		<u>99,966</u>

### 1971 Referenda

Won - 5

Lost - 2

Ipswich	10,853	Easton	12,249
Lincoln	10,712	Holbrook	11,787
Lynnfield (part)	6,718		<u>24,036</u>
North Adams	18,998		
Randolph	27,111		
	<u>74,398</u>		

### 1972 Referenda

Won - 4

Canton (Spring)	17,089
Duxbury (Spring)	7,625
Braintree (Fall)	33,954
North Andover	12,514
	<u>71,182</u>



Referenda 1973

Won - 2

New Bedford 101,262  
Northampton (Advisory) 27,762

129,024

Lost - 1

Holyoke (advisory)

Referenda 1974

Won - 2

Whitman (Spring) 10,968  
Dedham (Fall) 27,383

38,351

Lost - 3

Chelmsford (Spring) 30,341  
Greenfield (Fall) 17,928  
Northampton 25,678

73,956

Referenda 1975

Lost - 1

Gardner

20,015

Referenda 1979

Won - 1

Gloucester 27,209

Lost - 2

New Bedford 101,777  
Leominster (Advisory) 32,939

134,716

Referenda 1980

Won - 2

Marlborough 30,709  
Duxbury (Advisory) 7,636

Lost - 1

Duxbury (Binding) 7,636

Referenda 1981

Won - 1

Rockport (Advisory) 6,300

Lost - 3

Chelmsford (Advisory) 31,149  
Natick 31,192  
Methuen 36,700

99,091





Referenda 1982

Won - 2

Lost - 2

Rockport (Spring)	6,300	North Attleborough (Fall)	21,095
Manchester (Spring)	5,534	Stoughton (Fall)	26,710
Total	<u>11,834</u>	Total	<u>47,805</u>

Referenda 1983

Lost - 5

Randolph (Spring)	28,218
(nonbinding)	
Holbrook (Spring)	11,140
Chicopee (Fall)	55,112
Springfield (Fall)	152,319
Agawam (nonbinding)	26,271
Total	<u>273,060</u>

Referenda 1984

Won - 3

Lost - 2

Wellesley (Fall)	27,209	Pepperell (Fall)	8,061
Tewksbury (Fall)	24,635	Lenox (Fall)	6,523
Amherst (Fall)	33,229		
Total	<u>85,173</u>	Total	<u>14,584</u>

Referenda 1985

Won - 2

Duxbury (Spring)	11,807
Millis (non binding)	6,908

OFFICIAL CHANGE IN POSITION

Order rescinded	Braintree	1976
	North Adams	1980

